BIOCHEMISTRY and MOLECULAR BIOLOGY EDUCATION

Formerly
Biochemical Education

Index to Volume 28

ELSEVIER

Aims and Scope

The aim of *Biochemistry and Molecular Biology Education* (BAMBEd) is to assist in the teaching of biochemistry and molecular biology at the college, graduate school and medical school level throughout the world. The main intended audience of BAMBEd is instructors at universities and colleges who teach biochemistry, molecular biology, and related fields such as microbiology and cell biology. Articles are welcomed on teaching techniques and practice in all areas related to these fields, and on methods of assessment of the effectiveness of new educational approaches. Articles are also encouraged on research in biochemistry and molecular biology education. Short reviews will be published from time to time on key areas of biochemical knowledge from workers active in the field. Such reviews are intended to provide background material for the preparation of lectures. Articles providing details of simple, tried and tested, laboratory experiments are especially encouraged. Those interested in secondary school outreach may submit papers aimed at increasing awareness of college and university faculty toward possibilities for contributing to the ongoing education of secondary school teachers.

Each issue will contain reviews of books and other teaching aids such as websites, videotapes, transparency/slide sets and computer software. Many of the pages will contain full-color figures. There is also a companion website that will contain two levels of access: Full-text access is available to all materials for subscribers and access to the Table of Contents and Abstracts is available for all visitors. In addition, a fully accessible section of the website is being developed that will be updated frequently and will contain reviewed multimedia materials such as computer graphics-based tutorials on macromolecular structure, and Java- and Shockwave-based tutorials on most aspects of biochemistry and molecular biology. We hope that this new site for instructional tools will become a general repository for multimedia materials valuable to biochemical educators.

The international Union of Biochemistry and Molecular Biology
THE MISSION OF THE IUBMB

The Mission of the IUBMB is to foster and support the growth and advancement of biochemistry and molecular biology as the foundation from which the biomolecular sciences derive their basic ideas and techniques in the service of mankind. This it does throughout the world with particular concern for areas where biochemistry is less well developed, by promoting international cooperation and high standards in research, discussion, application and publication, and through international standardization of methods, nomenclature and symbols, in biochemistry and molecular biology. The IUBMB promotes the norms, values, standards and ethics of science and the free and unhampered movement of scientists of all nations interested in participation in activities related to biochemistry and molecular biology.

This the IUBMB will accomplish by:

1. Serving as a scientific, international, non-governmental body in objectively addressing global issues that involve the sciences of biochemistry and molecular biology. Where appropriate, the IUBMB will represent these interests in governmental and non-governmental forums.
2. Contributing to the advancement of research in biochemistry and molecular biology throughout the world.
3. Promoting the service of biochemistry and molecular biology to society.
4. Facilitating the development of effective channels of communication in the international community of biochemists and molecular biologists
5. Assisting the biotechnology industry in its contributions to sustainable development, wealth creation and improvement of the quality of life.
6. Utilizing its global perspective to contribute toward the enhancement of education in biochemistry and molecular biology and to advance the public understanding of these disciplines and the scientific method.
7. Making special efforts to encourage the career development of young biochemists and molecular biologists.
8. Broadening the geographical base of the Union and ensuring that its human capital is drawn from all segments of the world community of biochemists and molecular biologists.
9. Encouraging worldwide dissemination of information about the activities of the Union.
10. Assuring sound management of its resources to provide maximum value for the funds invested in the Union.

EC Meeting, San Francisco, 13–15 May, 1999

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